

**May 20, 2018 (Sunday)**

**Welcome party 18:00-20:00**

**Poster presentations 20:00-22:30**

(Blue=Japanese presentators)

**ROOM A**

**Pituitary and endoscopic surgery (20:00-20:30)**

**Moderator: Kosaku Amano (Tokyo Women's Medical University, Tokyo, Japan)**

**PA-1. TSH-secreting pituitary *adenomas*: *Clinical and morphological characteristics and outcomes after surgical treatment***

Ashraf Abdali (People's Friendship University of Russia, Moscow, Russia)

**PA-2. Complications avoidance during/after the transsphenoidal surgery**

Kosaku Amano (Tokyo Women's Medical University, Tokyo, Japan)

**PA-3. Transsphenoidal resection of pituitary adenomas in patients with McCune-Albright syndrome: Literature review and presentation of two clinical cases**

Ashraf Abdali (People's Friendship University of Russia, Moscow, Russia)

**PA-4. Transsphenoidal surgery for elderly patients with acromegaly and its outcomes: comparison with younger patients**

Yasuo Sasagawa, Yasuhiko Hayashi, Osamu Tachibana, Atsushi Nakagawa Masahiro Oishi, Toshinari Takamura, Hideaki Iizuka, Mitsutoshi Nakada (Kanazawa University, Ishikawa, Japan)

**PA-5. Surgical treatment of parasellar meningiomas with invasion into the optic canal**

Vladimir Vinnikov (Almazov National Medical Research Center, St. Petersburg, Russia)

**Skull base tumor (20:30-21:00)**

**Moderator: Masamichi Kurosaki (Tottori University, Tottori, Japan)**

**PA-6. Comparison of craniotomy and endoscopic transnasal surgery for tuberculum sellae meningiomas**

Kuniaki Tanahashi, Kazuhito Takeuchi, Kazuya Motomura, Lushun Chalise, Fumiharu Ohka, Atsushi Natsume, Toshihiko Wakabayashi (Nagoya University, Aichi, Japan)

**PA-7. Factors affecting duration of surgery and intraoperative blood loss during bloc resection of the temporal bone in patients with lateral skull base malignancies**

Dmitry Gulyaev (Almazov National Medical Research Center, St. Petersburg, Russia)

**PA-8. Inter-capsular resection of cervical schwannoma: Report of two cases**

Masafumi Kuroiwa, Takehiro Yako, MD, Tetsuya Goto, Kayoko Higuchi, Kazuo Kitazawa, Kazuhiro Hongo, Shigeaki Kobayashi (Shinsyu University, Nagano, Japan)

**PA-9. Treatment of brain and spinal cord ependymomas in children**

Oscar Angel Choque Rodriguez (People's Friendship University of Russia, Moscow, Russia)

**PA-10. Neurophysiological monitoring during surgery of posterior cranial fossa tumors**

Olena Vareshniuk (Kharkiv Emergency Hospital, Kharkiv, Ukraine)

**Glioma (21:00-21:30)**

**Moderator: Mitsutoshi Nakada (Kanazawa University, Ishikawa, Japan)**

**PA-11. BRAF inhibitors in patients with anaplastic pleomorphic xanthoastrocytoma**

Ashraf Abdali (People's Friendship University of Russia, Moscow, Russia)

**PA-12. Investigator-initiated registration-directed clinical trial of TERT-targeting therapy using eribulin mesylate in patients with recurrent glioblastoma**

Shunichiro Miki, Kohei Fukuoka, Yoshiko Maida, Mitsuhiro Hayashi, Akinobu Hamada, Ryo Nishikawa, Motoo Nagane, Takashi Maruyama, Akitake Mukasa, Yoshiki Arakawa, Hideyuki Arita, Natsuko Kitamura, Kan Yonemori, Kenji Tamura, Kenkichi Masutomi, Yoshitaka Narita and Koichi Ichimura (National Cancer Center Hospital, Tokyo, Japan)

**PA-13. Japan-Russia collaborative research on accelerator-based boron neutron capture therapy for malignant glioma.**

Zaboronok A, Kanygin V, Taskaev S, Bykov T, Kasatov D, Kolesnikov J, Koshkarev A, Makarov A, Shchudlo I, Volkova O, Mechetina L, Taranin A, Kasatova A, Kichigin A, Byvaltsev V, Sato E, Nakai K, Zavjalov E, Akulov A, Ishikawa E, Mathis B.J, Yamamoto T, Matsumura A (Tsukuba University, Ibaraki, Japan)

**PA-14. Development of novel spray-type fluorescent probes for brain tumors**

Yosuke Kitagawa, Shota Tanaka, Akira Ogasawara, Yugo Kuriki, Kyoko Yamamoto, Mako Kamiya, Yasuteru Urano, Nobuhito Saito (University of Tokyo, Tokyo Japan)

**PA-15. Salvage stereotactic radiosurgery for early recurrences of gliomas**

Evgeny Sivov (Khabarovsk Regional Clinical Oncology Center, Khabarovsk, Russia)

**Vascular (21:30-22:00)**

**Moderator: Yasushi Takagi (Tokushima University, Tokushima, Japan)**

**PA-16. Short-segment internal trapping for a symptomatic thrombosed large fusiform vertebra artery aneurysm: Vermicelle technique**

Masahiro Nishihori, Takashi Izumi, Testuya Tsukada, Tetsuya, Mamoru Ishida, Tomomi Kawaguchi, Elosabeth KROPP Asuka, Toshihiko Wakabayashi (Nagoya University, Aichi Japan)

**PA-17. Microsurgical treatment of intracranial aneurysms in acute posthemorrhage period: Results in the regional vascular center**

Pavel Goman (Municipal Hospital , St. Petersburg, Russia)

**PA-18. Real time imaging of an experimental intracranial aneurysm in rats**

Haruka Miyata, Kamperi Shimizu, Tomohiro Aoki, Kazuhiko Nozaki (Shiga University, Shiga, Japan)

**PA-19. Clinical significance of computational fluid dynamics for aneurysm recurrence after coiling**

Kouichi Misaki, Iku Nambu, Takehiro Uno, Masanao Mohri, Naoyuki Uchiyama, Mitsutoshi Nakada (Kanazawa University, Ishikawa, Japan)

**PA-20. Endoscopic hematoma evacuation for hemorrhagic moyamoya disease: Report of 5 Cases**

Takayuki Nishiwaki (Gifu University, Gifu, Japan)

**ROOM B**

**Function and pediatric (20:00-20:30)**

**Moderator: Takaomi Taira (Tokyo Women's Medical University, Tokyo, Japan)**

**PB-1. Optimization of treatment of spasticity in patients after severe traumatic spine injury**

Artur Biktimirov (Medical Centre of Far East Federal University, Vladivostok, Russia)

**PB-2. The first experience of fetal neurosurgery in Ukraine**

Oleksandr Dukhovskyy (Kharkiv Emergency Hospital, Kharkiv, Ukraine)

**PB-3. Endoscopic surgery for hydrocephalus in newborns**

Evgeny Starov (Multifunctional Center of Medical Care for Mothers and Children, Orel, Russia)

**PB-4. Ventriculo-subgaleal shunting for treatment of hydrocephalus**

Serhii Kuznetsov (Mariupol Regional Hospital, Mariupol, Ukraine)

**PB-5. PB-21. Metabolism of the intervertebral disc cells under the influence of inflammatory factors**

Liudmila Bardonova (Irkutsk State Medical University, Irkutsk, Russia)

**Spine I (20:00-20:30)**

**Moderator: Kazuhiro Hongo (Shinshu University, Matsumoto, Japan)**

**PB-6. Minimally invasive thoracolumbar fusion via Wiltse approach**

Kaoru Eguchi, Yusuke Nishimura, Ryo Ando, Yoshitaka, Nagashima, Toshihiko Wakabayashi (Nagoya University, Aichi, Japan)

**PB-7. Secondary tethered cord syndrome with various forms of spinal dysraphism**

Kostyantyn Kardash (Donetsk Regional Hospital, Donetsk, Ukraine)

**PB-8. Analysis of 30-year experience with surgical treatment of scoliosis**

Denis Mamonov (City Clinical Hospital, Tolyatti, Russia)

**PB-9. Avoidance of neurological complications during surgical treatment of scoliosis**

Denis Mamonov (City Clinical Hospital, Tolyatti, Russia)

**PB-10. Fusion of thoracic and lumbar spine: Innovative operative technique and initial results**

Dmitry Monashenko (Municipal Hospital, St. Peterburg, Russia)

**Spine II (20:30-21:00)**

**Moderator: Kazuhiko Nozaki (Shiga University, Shiga, Japan)**

**PB-11. Preventing vertebral fracture over the metal structures in patients with osteoporosis**

Karapet Takhmazian (Research Institute Krasnodar Regional Hospital, Krasnodar, Russia)

**PB-12. Puncture method (Nucleoplasty) for the treatment of low back pain caused by degenerative disc disease**

Konstantin Tulikov (Dzhanelidze Research Institute of Emergency Care, St. Petersburg, Russia)

**PB-13. Minimally invasive techniques in treatment of lumbar spine degenerative single-level stenosis**

Ruslan Akhmadiev (Medical Centre of Far East Federal University, Vladivostok, Russia)

**PB-14. Multicenter study of the efficacy of a surgical approach based on a differential clinical-instrumental algorithm in patients with symptomatic tandem stenosis of the cervical and lumbar Spine**

Valery Shepelev (Naval Clinical Hospital, Vladivostok, Russia)

**PB-15 Analysis of complications of surgical treatment of degenerative lumbar stenosis**

Karapet Takhmazian (Research Institute Krasnodar Regional Hospital #1, Krasnodar, Russia)

**Spine III (21:30-22:00)**

**Moderator: Hidetaka Arishima (Fukui University, Fukui, Japan)**

**PB-16. Analysis of clinical efficiency and causes of unsatisfactory outcomes of surgical treatment of patients with degenerative diseases of lumbosacral junction of the spine**

Andrey Kalinin (Irkutsk State Medical University, Irkutsk, Russia)

**PB-17. Evaluation of the effectiveness of the intrawound vancomycin powder during posterior lumbar fusion surgery**

Ivan Stepanov (Irkutsk State Medical University, Irkutsk, Russia)

**PB-18. Application of negative pressure therapy for management of inflammatory complications after**

## **spine surgery**

Vadim Manukovskii (Dzhanelidze Research Institute of Emergency Care, St. Petersburg, Russia)

### **PB-19. Percutaneous radiofrequency facet joint denervation for treatment of low back pain after surgery for degenerative spine disease**

Konstantin Korostelev (Military Medical Academy, St. Petersburg, Russia)

### **PB-20. Analysis of postmortem changes in intervertebral discs using Diffusion-Weighted Imaging, morphological, and Immunohistochemical analyses**

Ivan Stepanov (Irkutsk State Medical University, Irkutsk, Russia)

## **Surgical training and trauma (22:00-22:30)**

**Moderator: Ken-ichiro Kikuta (Fukui University, Fukui, Japan)**

### ~~**PB-21. Metabolism of the intervertebral disc cells under the influence of inflammatory factors**~~

~~Liudmila Bardonova (Irkutsk State Medical University, Irkutsk, Russia)~~

### **PB-21. Usefulness of cadaver training**

Kenji Uda, Yoshio Araki, Kuniaki Tanahashi, Toshihiko Wakabayashi (Nagoya University, Aichi, Japan)

### **PB-22. The review of factors influencing surgical performance: Practical recommendations for microsurgical procedures in neurosurgery**

Evgenii Belykh (Irkutsk State Medical University, Irkutsk, Russia)

### **PB-23. Early- and long-term consequences after surgery for traumatic intracranial hematomas**

Danil Babochkin (City Clinical Hospital, Tolyatti, Russia)

### **PB-24. Endoscopic evacuation of acute, subacute and chronic subdural and epidural hematomas**

Nikolay Serebrennikov (Arkhangelsk City Clinical Hospital, Arkhangelsk, Russia)

### **PB-25 藤田保健のロシア人発表**

# May 21, 2018 (Monday)

Symposium 8:30-17:20

**Greetings (8:20-8:30)**

Ken-ichiro Kikuta (University of Fukui, Fukui, Japan)

**Session I (8:30-9:30): Neuroimaging and intraoperative mapping**

**Moderators: Mikhail Kosmachyov (Khabarovsk, Russia), Yoko Kato (Aichi, Japan)**

**S-1. Diffusion-weighted imaging in preoperative grading of intracranial gliomas (8:30-8:45)**

Ivan Stepanov (Irkutsk State Medical University, Irkutsk, Russia)

**S-2. Brain function monitoring during neurosurgery (8:45-9:00)**

Nobuhiro Mikuni (Sapporo Medical University, Hokkaido, Japan)

**S-3. PET/CT with <sup>11</sup>C-methionine for early diagnosis and treatment of recurrent high-grade gliomas (9:00-9:15)**

Evgenii Kovtun (Khabarovsk Regional Clinical Oncology Center, Khabarovsk, Russia)

**S-4. Transcortical approach for intraaxial brain tumors using awake functional mapping with tractographic navigation (9:15-9:30)**

Masashi Kinoshita (Kanazawa University, Ishikawa, Japan)

**Session II (9:30-10:45): Brain tumor and glioma**

**Moderators: Mikhail Chernov (Tokyo, Japan), Akira Matsumura (Ibaraki, Japan)**

**S-5. Combined guidance with 5-aminolevulinic acid and intraoperative ultrasound for resection of intracranial gliomas (9:30-9:45)**

Mikhail Kosnachev (Regional Clinical Hospital #2, Khabarovsk, Russia)

**S-6. Treatment for patients with recurrent glioblastoma (9:45-10:00)**

Eiichi Ishikawa (University of Tsukuba, Ibaraki, Japan)

**S-7. Confocal laser endomicroscopy for intraoperative optical biopsy of brain neoplasms (10:00-10:15)**

Evgenii Belykh (Irkutsk State Medical University, Irkutsk, Russia)

**S-8. Management and treatment strategies of malignant brain tumors based on the WHO 2016 classification of tumors of the central nervous system (10:15-10:30)**

Toshihiko Wakabayashi (Nagoya University, Aichi, Japan)

**S-9. The challenge of glioblastoma (10:30-10:45)**

Yoshitaka Narita (National Cancer Center Hospital, Tokyo, Japan)

**Coffee Break (10:45-11:00)**

**Session III (11:00-12:00): Spine and endoscopic surgery**

**Moderators: Dmitry Gulyaev (St. Petersburg, Russia), Akio Morita (Tokyo, Japan),**

**S-10. Minimally invasive surgical treatment of metastatic spine disease: Experience with the use of 3D endoscopy (11:00-11:15)**

Sergey Lyulin (Ilizarov Center of Orthopedic Surgery, Kurgan, Russia)

**S-11. Endonasal endoscopic surgery for intra and parasellar tumors (11:15-11:30)**

Takakazu Kawamata (Tokyo Women's Medical University, Tokyo, Japan)

**S-12. Experience with minimally invasive technologies in surgical treatment of patients with lumbar spine degeneration: ALF, DLIF and TLIF (11:30-11:45)**

Andrei Kalinin (Irkutsk State Medical University, Irkutsk, Russia)

**S-13. Endoscopic neurosurgery (11:45-12:00)**

Masamichi Kurosaki (Tottori University, Tottori, Japan)

**Group photo at Garden (12:00-12:30)**

**Charmant-supported luncheon session (12:30-13:00)**

**Moderators: Vladimir Sorokovikov (Irkutsk, Russia), Nobuo Hashimoto (Hyogo, Japan),**

**L-1. The way of neurosurgical Samurai in Russia (12:30-12:45)**

Vadim Byvaltsev (Irkutsk State Medical University, Irkutsk, Russia)

**L-2. Similarity and Difference in Neurosurgery between Russia and Japan (12:45-13:00)**

Ken-ichiro Kikuta (Fukui University, Fukui, Japan)

**Japan-Russia Medical Exchange Foundation (JRMEF) memorial seminar on brain tumor (12:50-13:40)**

**Moderators: Kaoru Kurisu (Hiroshima, Japan), Tomokatu Hori (Tokyo, Japan)**

**J-1. Greeting (13:00-13:10)**

Akira Sakai (JRMEF)

**J-2. Gamma knife radiosurgery of vestibular schwannomas: Contemporary results (13:10-13:25)**

Mikhail Chernov, Motohiro Hayashi, Yoshihiro Muragaki, Takakazu Kawamata (Tokyo Women's Medical University, Tokyo, Japan)



**J-3. The impact of molecular diagnosis for brain tumors in Japanese clinical field (13:25-13:40)**

Hajime Arai, Akihide Kondo (Juntendo University, Tokyo, Japan)

**Session IV (15): (13:40-14:55): Brain Tumor and Spinal Tumor**

**Moderators: Vadim Byvaltsev (Irkutsk, Russia), Akira Matsuno (Tokyo, Japan)**

**S-14: Surgery of large or giant vestibular schwannoma (13:40-13:55)**

Eiji Kohmura (Kobe University, Hyogo, Japan)

**S-15: Multimodal intraoperative neurophysiological monitoring during surgery for intra-axial spinal cord tumors (13:55-14:10)**

Nina Chishchina (Federal Neurosurgical Center, Novosibirsk, Russia)

**S-16: Posterior fossa tumors (14:10-14:25)**

Kensuke Suzuki (Dokkyo Medical University, Tochigi, Japan)

**S-17: Surgical treatment of spine and spinal cord tumors: The long-term results (14:25-14:40)**

Vadim Byvaltsev (Irkutsk State Medical University, Irkutsk, Russia)

**S-18: Safe maximal resection of primary cavernous sinus meningiomas via a minimal anterior and posterior combined transpetrosal approach (14:40-14:55)**

Hiroki Morisako, Takeo Goto, Kenji Ohata (Osaka City University, Osaka, Japan)

**Session V (14:55-): Vascular**

**Moderators: Andrey Dubovoy (Novosibirsk, Russia), Nobuhito Saito (Tokyo, Japan), Michiyasu Suzuki (Yamaguchi, Japan)**

**S-19: Our first experience of using bypass with internal maxillary artery (14:55-15:10)**

Andrey Dubovoy (Federal Neurosurgical Center, Novosibirsk, Russia)

**S-20: Skull base procedure and suction decompression method for large and giant paraclinoid aneurysm clipping (15:10-15:25)**

Isao Date (Okayama University, Okayama, Japan)

**S-21: Preoperative embolization of primary and secondary spinal tumors: Retrospective analysis (15:25-15:40)**

Alexey Dubskikh (Ural State Oncology Center, Ekaterinburg, Russia)

**S-22: Novel endovascular treatment for cerebral wide-neck bifurcation aneurysms (15:40-15:55)**

Dmitry Kislitsin (National Medical Research Center "Meshalkin Clinic," Novosibirsk, Russia)



**S-23: Clipping of the recurred aneurysms initially treated with coil embolization (15:55-16:10)**

Izumi Nagata (Kokura Memorial Hospital, Fukuoka, Japan)

**Coffee Break / Poster Viewing (16:10-16:20)**

**Session VII (16:20-17:10): Miscellaneous and Functional Neurosurgery**

**Moderators: Boleslav Lichterman (Moscow, Russia), Haruhiko Kijima (Osaka, Japan)**

**S-24. Intraoperative complications of posterior internal fixation of upper cervical spine (16:20-16:35)**

Vadim Manukovskii (Dzhanelidze Research Institute of Emergency Care, St. Petersburg, Russia)

**S-25. Advances in functional neurosurgery (16:35-16:50)**

Takaomi Taira (Tokyo Women's Medical University, Tokyo, Japan)

**S-26. Ethical dilemmas in modern neurosurgery (16:50-17:05)**

Boleslav Lichterman (Sechenov First Moscow State Medical University, Moscow, Russia)

**S-27. Precise surgical strategy for complex cases of neurovascular compression syndrome (17:05-17:20)**

Takuro Inoue (Koto Memorial Hospital, Shiga, Japan)

**Closing remarks (17:20-17:40)**

Ken-ichiro Kikuta (Fukui, Japan) (17:20-17:30)

Dmitrii Guliaev (St. Petersburg, Russia) (17:30-17:40)

**Hot spring (18:00-19:00)**

**Gala dinner (19:00-21:00)**